

SAFETY DATA SHEET



Date Prepared : 06/01/2015
SDS No : 9111

POWER STATION

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POWER STATION
PRODUCT CODE: 9111

MANUFACTURER

JOHN-HENRY Enterprises, Inc.
2813 Richland Ave
Metairie, LA 70002
Emergency Contact: H. Zeller
Emergency Phone: 504-888-8989

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Eye Damage/Irritation (Reversible), Category 2
Skin Corrosion/Irritation (reversible), Category 2

Physical:

Corrosive to Metals, Category 2

GHS LABEL

Causes severe irritation and possibly burns to eyes. Causes moderate to severe irritation and possibly burns to skin (prolonged exposure). Dusts can irritate eyes, nose, throat, and respiratory system.



Irritant



CORROSIVE

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.
H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS**General:**

P102: Keep out of reach of children.
P103: Read label before use.

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

Storage:

P402+P404: Store in a dry place. Store in a closed container.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Alkaline Builder	20 - 30	Proprietary
Synthetic Sodium Silicate	40 - 60	Proprietary
Complex Phosphate Builder	40 - 50	Proprietary

4. FIRST AID MEASURES

EYES: Gently hold eyelids open and flush with water for 15 minutes or until discomfort eases. Remove contact lenses if possible. Seek medical attention if irritation persists or vision remains blurred.

SKIN: Remove contaminated clothing and footwear. Brush off remaining powder, then flush area with copious amounts of running water to remove residues. Seek medical attention for burns or if irritation persists or worsens.

INGESTION: Get immediate emergency medical attention (Call 911). Do not induce vomiting unless instructed to do so by poison center or physician. Give water, milk, or dilute citrus juice unless unconscious or convulsing. Keep patient warm, quiet, and comfortable and treat for shock.

INHALATION: If affected by dusts, move to fresh air. Seek medical attention if symptoms persist or worsen. Give oxygen if breathing is difficult and seek prompt medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Severe irritation or pain, tearing, redness, blurring and/or temporary loss of vision

SKIN: Prolonged exposure can cause moderate to severe irritation and possibly burns.

INGESTION: Causes severe irritation to mouth, throat, esophagus, and GI tract, and may cause burns. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea.

INHALATION: Dusts, spray or mists can irritate eyes, nose, throat, and respiratory tract.

NOTES TO PHYSICIAN: Treat symptomatically. If burns are present, treat for thermal burns.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Applicable

EXTINGUISHING MEDIA: Not applicable - powders are not combustible

HAZARDOUS COMBUSTION PRODUCTS: None Expected.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear recommended PPE. Collect spilled product for reuse or disposal. Rinse spill area with water

LARGE SPILL: Wear appropriate PPE. Sweep or scoop up spilled material and store in sealable intact containers for reuse or disposal. Rinse spill area with water.

7. HANDLING AND STORAGE

HANDLING: Read and understand product label and SDS before handling any chemical. Always wear recommended personal protective equipment. Follow label instructions.

STORAGE: Keep in sealed, original containers. Store in a dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Maintain sufficient ventilation in storage and use areas to prevent the accumulation of dusts or product vapors, spray, or mists. Provide local exhaust for enclosed areas.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid eye contact. Wear safety glasses or goggles

SKIN: Wear rubber, latex, or other chemical resistant gauntlet gloves.

RESPIRATORY: Use with adequate ventilation. Wear a NIOSH approved multi-purpose air purifying respirator where dusts or solution vapors, mists or spray are excessive or exceed exposure limits.

WORK HYGIENIC PRACTICES: Wash thoroughly before eating, drinking, smoking, or using the facilities after handling any chemical product.

OTHER USE PRECAUTIONS: Working eyewash stations and safety showers should be located in or near all areas where chemicals are stored or

used.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: none

APPEARANCE: white granular powder

pH: 12.0 to 13.0

Notes: 1% in deionized water

PERCENT VOLATILE: Not Applicable

FLASH POINT AND METHOD: Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

SOLUBILITY IN WATER: approximately 10 - 20% (w/w)

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: Not Applicable

10. STABILITY AND REACTIVITY

REACTIVITY: No

HAZARDOUS POLYMERIZATION: No

POSSIBILITY OF HAZARDOUS REACTIONS: Reacts vigorously with concentrated acids (generating heat and steam). Concentrated aqueous solutions can react with zinc or aluminum and release hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

INCOMPATIBLE MATERIALS: Concentrated acids, ammonia and amines

11. TOXICOLOGICAL INFORMATION

ACUTE

NOTES: No toxicity data available for product

EYE EFFECTS: Severe irritation, pains, burns, temporary loss of vision.

SKIN EFFECTS: Prolonged or repeated exposure can cause moderate to severe irritation. dermatitis, rash, sensitization. Prolonged one time exposure may cause burns.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Unused or undiluted product constitutes a hazardous waste. Follow all appropriate local, state, and Federal disposal regulations. Collect and neutralize spent solutions and discharge to a waste water treatment facility.

FOR LARGE SPILLS: See Section 6

EMPTY CONTAINER: Triple rinse container thoroughly with water and recycle.

RCRA/EPA WASTE INFORMATION: Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or greater than 12.5)

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN3262, Corrosive Solid, Basic, Inorganic, N.O.S. (contains disodium trioxosilicate), 8, III

MARINE POLLUTANT #1: No

VESSEL (IMO/IMDG)

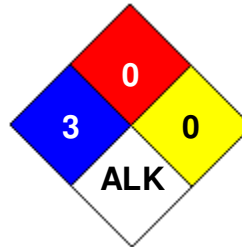
SHIPPING NAME: UN1759, CORROSIVE SOLID, N.O.S. (contains disodium trioxosilicate), 8, III

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute health hazard (eye and skin irritation/corrosion)**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Alkaline Builder	Proprietary
Synthetic Sodium Silicate	Proprietary
Complex Phosphate Builder	Proprietary

TSCA STATUS: All ingredients are included on the TSCA Inventory or are exempt**16. OTHER INFORMATION****APPROVED BY:** H. Zeller**PREPARED BY:** CSCC **Date Prepared:** 06/01/2015**HMIS RATING**

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input checked="" type="checkbox"/>	

NFPA CODES

GENERAL STATEMENTS: Amounts specified herein (other than for regulatory purposes) are typical and do not represent a specification. Unspecified or unlisted components are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present at levels below reportable limits. Exact percentage values for all components are proprietary in accordance with 29 CFR 1910.1200(i)

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